

CLAIMS

What is claimed is:

1. A method for loading object on a transport vehicle comprising:
 - a. using a mobile computer having a bar code reader, a display, an audio
5 output device, an audio input device, a tactile input device, text-to-speech
software, a voice recognition software, loader applications software, a
printer and radio frequency identification (RFID) reader wherein the
mobile computer is adapted for communication between an loader server
system and a user and the loader server system is adapted for
10 communication between the mobile computer and at least one external
computer system;
 - b. entering a user code to log onto the mobile computer;
 - c. training the voice recognition software by the user;
 - d. providing instructions to the user from the loader applications software
15 using the text-to-speech software to the audio output device and providing
information from the loader applications software to the display;
 - e. transmitting a request from the mobile computer to the loader server
system to obtain a list of objects to be loaded;
 - f. using the applications software to generate a summary of the objects to be
20 loaded from the list;
 - g. displaying the summary of the objects to be loaded on the display;
 - h. providing the summary of the objects to be loaded using via the text-to-
speech software to the audio output device;
 - i. performing a step which is a member of the group: acknowledging the
25 summary of objects to be loaded by the user using the tactile input device

and acknowledging the summary of objects to be loaded using the audio input device;

j. identifying an object to determine if the object is to be loaded by a step selected from the group consisting of:

5 i. speaking the characters identifying the object into the audio input device;

ii. scanning a barcode on the object;

iii. reading a RFID data on the object;

10 k. advising the user with the text-to-speech software a member of the group consisting of:

i. the object can be loaded;

ii. the object is not loadable;

iii. the object is out of sequence for the load;

iv. the object is for a different load;

15 l. acknowledging the object has been loaded using a method selected from the group:

i. providing an acknowledgement using the voice recognition software;

ii. bar code scanning a transport vehicle;

20 iii. bar code scanning the location of the transport vehicle;

iv. reading an RFID tag for a transport vehicle; and

v. reading an RFID tag for the location of the transport vehicle;

- m. repeating steps (j) through (l) until all objects have been loaded;
 - n. providing an acknowledgement to the loader server system the results of the process steps (b) through (m); and
 - o. transferring the results from the loader server system to the at least one external computer system.
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- 2. The method of claim 1, wherein the acknowledgement word is “ready”.
 - 3. The method of claim 1, further comprising the step of using the mobile computer to obtain status information for the user that is an indication of the user’s performances compared to the expected completion time for steps (b) through (m).
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- 4. The method of claim 1, wherein answers to a series of safety questions are required from the user regarding the transport vehicle into which the objects are being loaded from the group comprising:
 - a. are the brakes working?;
 - 15 b. is the horn working?;
 - c. is the steering working?;
 - d. are there any leaks in the transport vehicle?;
 - e. is there any damage to the transport vehicle?;
 - f. are the tires and wheels inflated and undamaged?; and
 - 20 g. combinations thereof.
 - 5. The method of claim 1, wherein at any time during the method, a second user can contact the user from a remote location via the loader server system, which communicates with the mobile computer which then provides the communication via audio output device and display.

6. The method of claim 1, wherein the object is a transport device containing product.
7. The method of claim 1, wherein the object is product.
8. The method of claim 1, wherein the object is a piece of equipment.
- 5 9. The method of claim 1, wherein the method contemplates the step of alerting the user of the object is missing product prior to loading.